

Art Unit 2627
Serial No.: 10/816,536

Reply to Office Action of: 09/06/2006
Attorney Docket No.: A1498

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (Currently amended). A head stack assembly for a disk drive, the head stack assembly comprising:

an actuator body including:

a main body section having a thickness and defining a horizontal plane orthogonal to an axis of rotation;

an actuator arm having the same thickness and extending from the main body section; and

a flex cable guiding support having the same thickness and extending from the main body section adjacent the actuator arm orthogonal to the horizontal plane; and

a flex cable including a substantially flat main cable body disposed in mechanical communication with the flex cable guiding support ~~in planes orthogonal to the horizontal plane parallel to the axis of rotation,~~

wherein the main body section, the actuator arm, and the flex cable guiding support are a single component having material continuity rather than being an assembly of sub-components.

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2 (Currently amended). The head stack assembly of Claim 1 wherein the actuator body ~~is formed of~~ comprises a stamped material.

3 – 4 (Canceled).

5 (Currently amended). The head stack assembly of Claim 1 wherein the actuator body ~~is formed of~~ comprises a sheet metal material.

6 (Currently amended). The head stack assembly of Claim 1 wherein the flex cable guiding support is includes a bent region adjacent ~~from a position within~~ the horizontal plane.

7 (Original). The head stack assembly of Claim 1 wherein the flex cable guiding support includes first and second extensions extending from the main body section.

8 (Original). The head stack assembly of Claim 7 wherein the flex cable includes opposing sides, the first and second extensions are respectively disposed in mechanical communication with respective ones of the opposing sides of the flex cable.

9 (Original). The head stack assembly of Claim 1 wherein the actuator arm extends from the main body section along the horizontal plane.

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10 (Currently amended). An actuator for use with a flex cable in a disk drive, the flex cable including a substantially flat main cable body, the actuator comprising:

an actuator body including:

a main body section having a thickness and defining a horizontal plane orthogonal to an axis of rotation;

an actuator arm having the same thickness and extending from the main body section; and

a flex cable guiding support having the same thickness and extending from the main body section adjacent the actuator arm orthogonal to the horizontal plane for supporting the main cable body in ~~planes orthogonal to the horizontal plane parallel to the axis of rotation,~~

wherein the main body section, the actuator arm, and the flex cable guiding support are a single component having material continuity rather than being an assembly of sub-components.

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11 (Currently amended). A disk drive comprising:

a disk drive base;

an actuator body rotatably coupled to the disk drive base, the actuator

body including:

a main body section having a thickness and defining a horizontal plane orthogonal to an axis of rotation;

an actuator arm having the same thickness and extending from the main body section; and

a flex cable guiding support having the same thickness and extending from the main body section adjacent the actuator arm orthogonal to the horizontal plane; and

a flex cable including a substantially flat main cable body disposed in mechanical communication with the flex cable guiding support ~~in planes orthogonal to the horizontal plane parallel to the axis of rotation,~~

wherein the main body section, the actuator arm, and the flex cable guiding support are a single component having material continuity rather than being an assembly of sub-components.

12 – 15 (Canceled).